



DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO

GOVERNOR

MIKE D. McDANIEL, Ph.D.

SECRETARY

Certified Mail No.

Activity No.: PER20000002

Agency Interest No. 10132

Craig P. Roussel
Vice President and Chief Administrative Officer
PO Box 250
Lockport, LA 70374-0250

RE: Part 70 Operating Permit, Bollinger Shipyards Lockport, LLC
Bollinger Shipyards, Inc., Lockport, Lafourche Parish, Louisiana

Dear Mr. Roussel:

This is to inform you that the permit for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2012, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2007.

Permit No.: 1560-00051-V0

Sincerely,

Chuck Carr Brown Ph.D.
Assistant Secretary

CCB:GGG
c: EPA Region VI

ENVIRONMENTAL SERVICES
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**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Bollinger Shipyards Lockport, LLC
Agency Interest No.: 10132
Bollinger Shipyards, Inc.
Lockport, Lafourche Parish, Louisiana**

I. Background

Bollinger Shipyards, Inc., Bollinger Shipyards Lockport, LLC, an existing shipyard for construction and repair of marine vessels, began operation in 1946. Bollinger Shipyards Lockport, LLC currently operates under State Permit No. 1560-00051-03, issued July 2, 1997.

This is the initial Part 70 operating permit for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by Bollinger Shipyards Lockport, L.L.C., dated November 27, 2000, requesting a Part 70 Operating Permit. Bollinger submitted a revised permit application and EIQ, dated August 23, 2002, reflecting updates to current operations. This application was replaced by an updated application and EIQ dated September 13, 2006. This permit is based on the application dated September 13, 2006 along with supplemental information dated January 10, 2007.

III. Description

Bollinger Shipyards Lockport, LLC proposes to obtain an initial Part 70 Operating Permit to increase permitted emission rates to reflect current and future operations. This permit also updates emission calculations and establishes an emissions cap for shotblasting operations.

The Bollinger Lockport facility is a marine vessel repair, maintenance, and construction facility. The site fabricates offshore service vessels, barges, and boats for both military and commercial use. New construction and repair include work on hulls, decks, cabins, structural supports, and compartments, as well as production of components for marine boats and barges. Major activities include welding; metal cutting; abrasive blasting; and painting. Peripheral operations include miscellaneous gasoline tanks, tanker truck loading, barge/marine vessel venting, and diesel and gasoline combustion sources. These activities take place at various places in the shipyard, on the vessels, and in enclosed fabrication shops. Screens and tarps are used when possible, to prevent emissions from affecting off-site areas.

This Title V Permit incorporates the following changes from the current State Permit:

1. Increases in Toxic Air Pollutants (TAPs), Volatile Organic Compounds (VOCs) and Particulate Matter (PM_{10}) emissions
2. Increase in painting operations (Emission Source 030)
3. Increase in abrasive blasting operations (Emission Source 040)

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AIR PERMITS DIVISION
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Agency Interest No.: 10132
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Lockport, Lafourche Parish, Louisiana

4. Increase in shot blasting activities
5. Addition of two portable shot blasting machines
6. Creation of a shot blasting cap, which incorporates emissions from a stationary panel line shot blaster and two portable shot blasters (Emission Source 071)
7. Increase in welding and metal cutting operations (Emissions Sources 060 and 050)
8. Speciation of toxic metals from metal cutting operations
9. Increase in usage of emergency diesel generator #1 (Emission Source 080)
10. Addition of emergency diesel generator #2 (Emission Source 081)
11. Increase in truck loading throughput (Emission Source 090)
12. Addition of barge and tank venting emissions (Emission Source 100) as a permitted emissions point due to an increase in throughput
13. Addition of diesel and gasoline combustion sources used intermittently on site (Emission Source 082 and 083)
14. Addition of miscellaneous gasoline tank sources on equipment used intermittently on site (Emission Source 028)
15. Reconciliation of certain insignificant activities
16. Deletion of tanks which are insignificant activities or no longer are in service
17. Updated emissions calculations using the most current emission factors available
18. Updated speciations in emissions calculations

The facility has requested flexibility in TAPs emissions from painting, blasting, cutting, and welding operations in order to accommodate the use of different materials to meet customer needs.

Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	5.47	28.16	+ 22.69
SO ₂	-	1.04	+ 1.04
NO _x	0.39	15.87	+ 15.48
CO	0.10	9.45	+ 9.35
VOC	34.39	109.92	+ 75.53

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LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Bollinger Shipyards Lockport, LLC
Agency Interest No.: 10132
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LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

Pollutant	Before	After	Change
Antimony	-	<0.001	+ <0.001
Arsenic	-	<0.001	+ <0.001
Barium	-	0.266	+ 0.266
Benzene	0.001	<0.01	-
Biphenyl	-	<0.01	+ <0.01
n-Butyl Alcohol	2.57	10.48	+ 7.91
Chlorobenzene	0.001	-	- 0.001
Chromium (hexavalent)	-	0.065	+ 0.065*
Cobalt	-	<0.01	+ <0.01
Copper	-	1.102	+ 1.102
Cumene	0.001	0.25	+ 0.249
Dibutyl phthalate	-	1.63	+ 1.63
Ethyl benzene	0.64	6.67	+ 6.03
Ethylene glycol	-	<0.01	+ <0.01
Gasoline vapors	1.18	-	- 1.18
Glycol ethers	0.002	0.96	+ 0.958
Hydroquinone	-	<0.01	+ <0.01
n-Hexane	-	<0.01	+ <0.01
Lead	-	<0.01	+ <0.01
Manganese	-	0.24	+ 0.24*
Methanol	1.01	3.62	+ 2.61
Methyl ethyl ketone	0.23	0.53	+ 0.30
Methyl isobutyl ketone	1.29	6.58	+ 5.29
Methyl-tert-butyl ether	-	0.03	+ 0.03
4,4-Methylene Dianiline	-	0.03	+ 0.03
Naphthalene	0.002	0.15	+ 0.148
Nickel	-	0.043	+ 0.043*
PAH	-	<0.001	+ <0.001

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LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

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LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

Pollutant	Before	After	Change
Phenol	0.004	0.80	+ 0.796
Styrene	-	0.71	+ 0.71
Toluene	4.71	14.23	+ 9.52
Toluene-2,4-diisocyanate	-	<0.001	+ <0.001
Trichloroethylene	0.05	-	- 0.05
Xylene	9.16	22.29	+ 13.13
Zinc	-	2.31	+ 2.31*
Total	20.851	73.06**	+ 52.209

*Non-VOC air toxics (Chromium, Manganese, Nickel and Zinc) were previously permitted in one category instead of individually speciated. The change noted above does not take this previous number into account. The total change in emissions for the four metals is (+2.518)

** Aggregate emissions shall be limited to 73.06 tpy. The permittee may emit TAPs, including those not specifically listed, at the greater of the rates listed or the MER. Emissions in excess of the total TAP limit for any 12 consecutive month period shall be a violation of the permit.

Other VOC (TPY): 40.93

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, New Source Performance Standards (NSPS), and National Emission Standards for Hazardous Air Pollutants (NESHAP). Prevention of Significant Deterioration (PSD) does not apply.

This facility is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source

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Agency Interest No.: 10132
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would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Dispersion Model(s) Used: None

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS})

VIII. General Condition XVII Activities

Work Activity	Schedule	Emission Rates - tons			
		PM ₁₀	SO ₂	NO _X	CO
<u>None</u>					VOC

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IX. Insignificant Activities

ID No.:	Description	Citation
101	Portable Diesel Tank #2 - 202 gallons	LAC 33:III.501.B.5.A.2
102	Portable Diesel Tank #3 – 94 gallons	LAC 33:III.501.B.5.A.2
103	Heavy Fuel Oil Tank #1 – 152 gallons	LAC 33:III.501.B.5.A.2
104	Heavy Fuel Oil Tank #2 – 152 gallons	LAC 33:III.501.B.5.A.2
105	Parts Washer – 30 gallons	LAC 33:III.501.B.5.A.2
106	Miscellaneous Diesel Fuel Tanks – 245 gallons	LAC 33:III.501.B.5.A.2
001	Elevated Fuel Oil Storage Tank – 2585 gallons	LAC 33:III.501.B.5.A.3
002	Elevated Fuel Oil Storage Tank – 2585 gallons	LAC 33:III.501.B.5.A.3
003	Elevated Fuel Oil Storage Tank – 564 gallons	LAC 33:III.501.B.5.A.3
018	Emergency Generator #1 Diesel Tank – 600 gallons	LAC 33:III.501.B.5.A.3
023	Coolant Storage Tank – 564 gallons	LAC 33:III.501.B.5.A.3
025	Mobile Fuel Storage Tank – 679 gallons	LAC 33:III.501.B.5.A.3
027	Emergency Generator #2 Diesel Tank – 366 gallons	LAC 33:III.501.B.5.A.3
084	Space Heaters < 1 MM BTU/hr each	LAC 33:III.501.B.5.A.5
	External Combustion Equipment < 1 MM BTU/hr	LAC 33:III.501.B.5.A.5
	Portable Fuel Tanks Used for Temporary Maintenance and Construction	LAC 33:III.501.B.5.A.8
026	Phosphate Dip/Wash Cleaner Tank – 269 gallons	LAC 33:III.501.B.5.A.10

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Bollinger Shipyards Lockport, LLC
Agency Interest No.: 10132
Bollinger Shipyards, Inc.
Lockport, Lafourche Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																	
		5▲	9	11	13	15	2103	2104*	2107	2108	2113	2123	2131	22	29*	51*	53*	56	59*
	Plant Wide	1	1	1	1									1		1	1	1	3
ARE 1	Painting Operations					1								1			1		
ARE 2	Abrasive Blasting Operations					1											1		
ARE 3	Metal Cutting Operations					1	1	1									1		
ARE 4	Welding Operations					1											1		
EQT 6	Miscellaneous Gasoline Fuel Tanks					3								3		3		1	
EQT 7	Panel Blaster with Dust Collector	1			1														
EQT 8	Portable Shot Blaster (Mechanic Shop)	1			1														
EQT 9	Portable Shot Blaster (Hydraulic Shop	1			1														
EQT 10	Emergency Diesel Generator No. 1				1	1													
EQT 11	Emergency Diesel Generator No. 2				1	1													
EQT 12	Misc Gas Combustion Sources				1	1													
EQT 13	Misc Diesel Combustion Sources				1	1													
EQT 14	Truck Loading				1								2			1			
EQT 15	Tank/Barge Venting												1			1			
EQT 16	Gasoline UST #1 (Regular)												1			2		1	
EQT 17	Gasoline UST #2 (Super)												1			2		1	

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		5▲	9	11	13	15	2103	2104*	2107	2108	2113	2123	2131	22	29*	51*	53*	56
EQT 18	Diesel Rental Engine																	
GRP 2	Shot Blasting CAP	1												1				

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the “Specific Requirements” report specifically states that the regulation is State Only.

KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Bollinger Shipyards Lockport, LLC
Agency Interest No.: 10132
Bollinger Shipyards, Inc.
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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS				40 CFR 61				40 CFR 63 NESHAP				40 CFR			
		A	K	Ka	Kb	Dc	Dc	III	A	J	V	A	II	EEEE	ZZZZ	52	64
	Plant Wide	1										1					3
ARE 1	Painting Operations											1					
ARE 2	Abrasive Blasting Operations																
ARE 3	Metal Cutting Operations																
ARE 4	Welding Operations																
EQT 6	Miscellaneous Gasoline Fuel Tanks	3	3	3													
EQT 7	Panel Blaster with Dust Collector																
EQT 8	Portable Shot Blaster (Steel Shot)																
EQT 9	Portable Shot Blaster (Glass Shot)																
EQT 10	Emergency Diesel Generator No. 1											3				2	
EQT 11	Emergency Diesel Generator No. 2											1				3	
EQT 12	Misc Gas Combustion Sources															3	
EQT 13	Misc Diesel Combustion Sources											3				3	
EQT 14	Truck Loading															3	
EQT 15	Tank/Barge Venting																
EQT 16	Gasoline UST #1 (Regular)											3	3				
EQT 17	Gasoline UST #2 (Super)											3	3	3			

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 Agency Interest No.: 10132
Bollinger Shipyards, Inc.
Lockport, Lafourche Parish, Louisiana

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ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHAP						40 CFR						
		A	K	Ka	Kb	Db	Dc	III	A	J	V	A	II	EEEE	ZZZZ	52	64	68								
EQT 18	Diesel Rental Engine																									
GRP 2	Shot Blasting CAP																									

KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

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Bollinger Shipyards Lockport, LLC
 Agency Interest No.: 10132
Bollinger Shipyards, Inc.
Lockport, Lafourche Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
Plant Wide	Chemical Accident Prevention [LAC 33:III.5907] [40 CFR 68]	DOES NOT APPLY. Facility does not produce, process, handle, or store any substance listed in greater than the threshold amounts.
EQT 6	Storage of Volatile Organic Compounds [LAC 33:III.2103] Filling of Gasoline Storage Vessels [LAC 33:III.2131]	DOES NOT APPLY. Storage tanks have a capacity less than 250 gallons. DOES NOT APPLY. Storage vessels have a capacity less than 250 gallons.
Miscellaneous Gasoline Fuel Tanks	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced after 6/1/73 and prior to 5/19/78. [40 CFR 60.110]	DOES NOT APPLY. Tank capacities <40,000 gallons.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Tank capacities <40,000 gallons.
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Tank capacities <19,813 gallons

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

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Agency Interest No.: 10132
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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT 10 Emergency Diesel Generator #1	NSPS III – Standards of Performance for Stationary Compression Internal Combustion Engines [40 CFR 60.4200] NESHPAP Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines [40 CFR 63.6580]	DOES NOT APPLY. The generator was constructed prior to July 11, 2005. EXEMPT. The generator is an existing emergency stationary RICE. The generator does not have to meet the requirements of this regulation or of subpart A of part 63. No initial notification is necessary.
EQT 11 Emergency Diesel Generator #2	NESHPAP Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines [40 CFR 63.6580]	DOES NOT APPLY. The generator is rated at less than 500 brake horsepower and is therefore not an affected source.
EQT 12 Miscellaneous BLN/BLR Gasoline Combustion Sources	NESHPAP Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines [40 CFR 63.6580]	DOES NOT APPLY. The engines in this equipment point are rated at less than 500 brake horsepower and are therefore not affected sources.
EQT 13 Miscellaneous BLN/BLR	NSPS III – Standards of Performance for Stationary Compression Internal Combustion Engines [40 CFR 60.4200]	DOES NOT APPLY. The engines in this equipment point are constructed prior to July 11, 2005.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Bollinger Shipyards Lockport, LLC
Agency Interest No.: 10132
Bollinger Shipyards, Inc.
Lockport, Lafourche Parish, Louisiana

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ID No:	Requirement	Notes
Diesel Combustion Sources	NESHAP Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines [40 CFR 63.6580]	DOES NOT APPLY. The engines in this equipment point are rated at less than 500 brake horsepower and are therefore not affected sources.
EQT 14	Volatile Organic Compounds – Loading [LAC 33:III.2107]	EXEMPT. Vapor pressure of materials loaded is less than 1.5 psia.
Truck Loading	NESHAP Subpart EEEE – National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline) [40 CFR 63.2330]	DOES NOT APPLY. No materials that meet the definition of “organic liquid” are stored, processed, or transferred at this facility.
EQT 16	Filling of Gasoline Storage Vessels [LAC 33:III.2131]	EXEMPT. The facility is located in Lafourche parish and the throughput is less than 500,000 gallons per year.
UST #1 (Regular)	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced after 6/11/73 and prior to 5/19/78. [40 CFR 60.110]	DOES NOT APPLY. Tank capacity <40,000 gallons.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Tank capacity <40,000 gallons.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

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ID No:	Requirement	Notes
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Tank capacity <19,813 gallons.
EQT 17 Gasoline UST #2 (Super)	Filling of Gasoline Storage Vessels [LAC 33:III.2.131] NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced after 6/1/17/3 and prior to 5/19/78. [40 CFR 60.110]	EXEMPT. The facility is located in Lafourche parish and the throughput is less than 500,000 gallons per year. DOES NOT APPLY. Tank capacity <40,000 gallons.
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Tank capacity <40,000 gallons.
EQT 18 Diesel Rental Engine	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b] NSPS III – Standards of Performance for Stationary Compression Internal Combustion Engines [40 CFR 60.4200]	DOES NOT APPLY. Tank capacity <19,813 gallons. DOES NOT APPLY. The engines in this equipment point are constructed prior to July 11, 2005.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

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ID No:	Requirement	Notes
	NESHAP Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines [40 CFR 63.6580]	DOES NOT APPLY. The engines in this equipment point are rated at less than 500 brake horsepower and are therefore not affected sources.

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
 - 1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];
 - 2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
 - 3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and

40 CFR PART 70 GENERAL CONDITIONS

- 4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.
[Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
 - 1. the date, place as defined in the permit, and time of sampling or measurements;
 - 2. the date(s) analyses were performed;
 - 3. the company or entity that performed the analyses;
 - 4. the analytical techniques or methods used;
 - 5. the results of such analyses; and
 - 6. the operating conditions as existing at the time of sampling or measurement.
 [Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]
- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]
- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an

40 CFR PART 70 GENERAL CONDITIONS

emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]

- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
 - 1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
 - 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
 - 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
 - 4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;
 - 5. changes in emissions would not qualify as a significant modification; and
 - 6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]
- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Enforcement Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
 - 1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 - 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

40 CFR PART 70 GENERAL CONDITIONS

3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
 - a. Report by June 30 to cover January through March
 - b. Report by September 30 to cover April through June
 - c. Report by December 31 to cover July through September
 - d. Report by March 31 to cover October through December
 4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]
- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]
- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
 2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
 3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
 4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
 5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
 6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]

40 CFR PART 70 GENERAL CONDITIONS

- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]

- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated September 13, 2006, along with supplemental information dated January 10, 2007.
- IV. This permit shall become invalid, for the sources not constructed, if:
 - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.
This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.
- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.
- A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
- B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
- C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
1. Report by June 30 to cover January through March
2. Report by September 30 to cover April through June
3. Report by December 31 to cover July through September
4. Report by March 31 to cover October through December

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- D. Each report submitted in accordance with this condition shall contain the following information:
1. Description of noncomplying emission(s);
 2. Cause of noncompliance;
 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.

XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:

- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
- B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
- C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
- D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.

XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.

XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
1. Generally be less than 5 TPY
 2. Be less than the minimum emission rate (MER)
 3. Be scheduled daily, weekly, monthly, etc., or
 4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

- XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 10132 Bollinger Shipyards Lockport LLC
Activity Number: PER20000002
Permit Number: 1560-00051-V0
Air - Title V Regular Permit Initial

Also Known As:	ID	Name	User Group	Start Date
	1560-00051	Bollinger Shipyards Lockport LLC	CDS Number	08-05-2002
	1560-0051	Bollinger Shipyards Lockport LLC	Emission Inventory	03-03-2004
	72-0449902	Bollinger Shipyards Lockport LLC	Federal Tax ID	11-21-1999
	LAD0081638842	Bollinger Shipyards Lockport LLC	Hazardous Waste Notification	03-19-1991
	LA0084069	LPDES #	05-22-2003	
	LAG566256	LPDES Permit #	10-12-2006	
	LAR05N063	LPDES #	LPDES Permit #	09-19-2001
	40834	Bollinger Shipyards Inc	TEMPO Merge	12-30-2000
	69274	Bollinger Shipyards Lockport LLC	TEMPO Merge	12-30-2000
	1560-0051	Toxic Emissions Data Inventory #	Toxic Emissions Data Inventory #	01-01-1993
	70374BLNLGLAHWY	TRI #	Toxic Release Inventory	07-09-2004
	29-012558	UST Facility ID #	Underground Storage Tanks	06-24-1999
	5649	Waste Tires	Waste Tire Facility ID Number	05-27-2005
Physical Location:		8365 Hwy 308 Lockport, LA 70374	Main Phone:	9855322554
Mailing Address:		PO Box 250 Lockport, LA 703740250		
Location of Front Gate:		29° 36' 45" latitude, 90° 29' 30" longitude, Coordinate Method: Interpolation - Map, Coordinate Datum: NAD83		
Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Scarlet B. Faltout	PO Box 250 Lockport, LA 703740250	9855322554 (WP)	Employed by
	Craig P. Roussel	PO Box 250 Lockport, LA 703740250		Responsible Official for
	Jodi Satches	PO Box 250 Lockport, LA 703740250	5044667705 (WP)	Emission Inventory Contact for
	Jodi Satches	PO Box 250 Lockport, LA 703740250	JODIS@BOLLINGEI	Emission Inventory Contact for
	Jodi Satches	PO Box 250 Lockport, LA 703740250	JODIS@BOLLINGEI	Water Billing Party for
	Jodi Satches	PO Box 250 Lockport, LA 703740250	5044667705 (WP)	Water Billing Party for
	David Stevens	106 Norman Doucet Dr Golden Meadow, LA 70357	9853962366 (WP)	Employed by
	Connie Thibodeaux			Underground Storage Tank Contact for
Related Organizations:	Name	Address	Phone (Type)	Relationship
	Bollinger Shipyards Lockport LLC	PO Box 250 Lockport, LA 703740250	9855322554 (WP)	UST Billing Party for
	Bollinger Shipyards Lockport LLC	PO Box 250 Lockport, LA 703740250	9855322554 (WP)	Owns
	Bollinger Shipyards Lockport LLC	PO Box 250 Lockport, LA 703740250	9855322554 (WP)	Air Billing Party for
	Bollinger Treatment Systems LLC	PO Box 250 Lockport, LA 703740250	9855322554 (WP)	Operates

General Information

AI ID: 10132 Bollinger Shipyard LLC
Activity Number: PER2000002
Permit Number: 1560-00051-V0
Air - Title V Regular Permit Initial

SIC Codes:

3731, Ship building and repairing

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit.
Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 10132 - Bollinger Shipyard Lockport LLC
Activity Number: PER20000002
Permit Number: 1560-00051-Y0
Air - Title V Regular Permit Initial

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
ARE001	030 - Painting Operations					8760 hr/yr (All Year)
ARE002	040 - Abrasive Blasting Operations					8760 hr/yr (All Year)
ARE003	050 - Metal Cutting Operations					8760 hr/yr (All Year)
ARE004	060 - Welding Operations					8760 hr/yr (All Year)
EQT006	028 - Miscellaneous Gasoline Fuel Tanks		2768 gallons/yr			8760 hr/yr (All Year)
EQT007	071a - Panel Blaster with Dust Collector	107250 lb/yr				750 hr/yr (All Year)
EQT008	071b - Portable Shot Blaster (Mechanic Shop)	377 lb/yr				Due to this point being part of a cap, operating time may exceed that listed.
EQT009	071c - Portable Shot Blaster (Hydraulic Shop)	964 lb/yr				Due to this point being part of a cap, operating time may exceed that listed.
EQT010	080 - Emergency Diesel Generator No. 1	535 horsepower	535 horsepower			1000 hr/yr (All Year)
EQT011	081 - Emergency Diesel Generator No. 2	364 horsepower	364 horsepower			1000 hr/yr (All Year)
EQT012	082 - Miscellaneous BLNBLR Gasoline Combustion Sources	.32 MM BTU/hr	18 horsepower			4211 hr/yr (All Year)
EQT013	083 - Miscellaneous BLNBLR Diesel Combustion Sources	18 horsepower	18 horsepower			5420 hr/yr (All Year)
EQT014	090 - Truck Loading	5000 gallons/hr	1.22 MM gallons/yr			913 hr/yr (All Year)
EQT015	100 - Barge and Tank Venting	40000 gallons/hr	.44 MM scf/yr			913 hr/yr (All Year)
EQT016	020 - Gasoline UST #1 (Regular)	2005 gallons	30000 gallons/yr			8760 hr/yr (All Year)
EQT017	021 - Gasoline UST #2 (Super)	2005 gallons	30000 gallons/yr			8760 hr/yr (All Year)
EQT018	085 - Diesel Rental Engine		500 horsepower	500 horsepower		24 hr/yr (All Year)

Subject Item Groups:

ID	Description	Included Components (from Above)
GRP001	Entire Facility	ARE1 030 - Painting Operations
GRP001	Entire Facility	ARE2 040 - Abrasive Blasting Operations
GRP001	Entire Facility	ARE3 050 - Metal Cutting Operations
GRP001	Entire Facility	ARE4 060 - Welding Operations
GRP001	Entire Facility	EQT16 028 - Miscellaneous Gasoline Fuel Tanks
GRP001	Entire Facility	EQT17 071a - Panel Blaster with Dust Collector
GRP001	Entire Facility	EQT18 071b - Portable Shot Blaster (Mechanic Shop)
GRP001	Entire Facility	EQT19 071c - Portable Shot Blaster (Hydraulic Shop)
GRP001	Entire Facility	EQT10 080 - Emergency Diesel Generator No. 1
GRP001	Entire Facility	EQT11 081 - Emergency Diesel Generator No. 2
GRP001	Entire Facility	EQT12 082 - Miscellaneous BLNBLR Gasoline Combustion Sources
GRP001	Entire Facility	EQT13 083 - Miscellaneous BLNBLR Diesel Combustion Sources

INVENTORIES

AI ID: 10132 - Bollinger Shipyards Lockport LLC
 Activity Number: PER20000002
 Permit Number: 1560-00051-V0
 Air - Title V Regular Permit Initial

Subject Item Groups:

ID	Description	Included Components (from Above)
GRP001	Entire Facility	EQT14 090 - Truck Loading
GRP001	Entire Facility	EQT15 100 - Barge and Tank Venting
GRP001	Entire Facility	EQT16 020 - Gasoline UST #1 (Regular)
GRP001	Entire Facility	EQT17 021 - Gasoline UST #2 (Super)
GRP001	Entire Facility	EQT18 085 - Diesel Rental Engine
GRP002	Shot Blasting CAP	EQT7 071a - Panel Blaster with Dust Collector
GRP002	Shot Blasting CAP	EQT8 071b - Portable Shot Blaster (Mechanic Shop)
GRP002	Shot Blasting CAP	EQT9 071c - Portable Shot Blaster (Hydraulic Shop)

Relationships:

Stack Information:

ID	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
EQT006	028 - Miscellaneous Gasoline Fuel Tanks	.17	.17	.17	.17.5	
EQT010	080 - Emergency Diesel Generator No 1	.5	.5	.5	.11	
EQT016	020 - Gasoline UST #1 (Regular)	.17	.17	.17	.17.5	
EQT017	021 - Gasoline UST #2 (Super)	.17	.17	.17	.17.5	

Fee Information:

Subj Item Id	Multipplier	Units Of Measure	Fee Desc
GRP001			1280 - Ship and Boat Building: D) 201 to 1000 Employees

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 10132 - Bollinger Shipyards Lockport LLC
 Activity Number: PER20000002
 Permit Number: 1560-00051-V0
 Air - Title V Regular Permit Initial

All phases

Subject Item	PM ₁₀			SO ₂			NOx			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
ARE 001 030	2.15	24.97	9.40										24.33	283.24	106.55
ARE 002 040	1.60	5.25	7.00												
ARE 003 050	1.33	1.72	5.81 < 0.001	< 0.001 < 0.001	0.02	0.03	0.08	0.01	0.01	0.04	0.04	0.001	0.001 < 0.001	0.001 < 0.001	0.01
ARE 004 060	1.08	1.73	4.75										0.02	4.53	0.08
EQT 006 028															
EQT 007 071a		0.21													
EQT 008 071b		0.07													
EQT 009 071c		0.11													
EQT 010 080	1.18	1.18	0.59	1.10	1.10	0.55	16.59	16.59	8.29	3.57	3.57	1.79	1.32	1.32	0.66
EQT 011 081	0.80	0.80	0.40	0.75	0.75	0.37	11.28	11.28	5.64	2.43	2.43	1.22	0.90	0.90	0.45
EQT 012 082	< 0.01	0.03 < 0.01	< 0.01	0.03 < 0.01	0.01	0.08	0.52	0.16	2.87	20.09	6.04	0.10	0.70	0.70	0.21
EQT 013 083	0.04	0.04	0.11	0.04	0.04	0.10	0.56	0.56	1.51	0.12	0.12	0.33	0.04	0.04	0.12
EQT 014 090													0.05	0.42	0.02
EQT 015 100													3.36	1850.44	1.53
EQT 016 020													0.03	33.09	0.13
EQT 017 021													0.03	33.09	0.13
EQT 018 085	1.10	1.10	0.01	1.03	1.03	0.01	15.50	15.50	0.19	3.34	3.34	0.04	1.24	1.24	0.01
GRP 002 071															

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 10132 - Bollinger Shipyard Lockport LLC
Activity Number: PER2000002
Permit Number: 1560-000051-V0
Air - Title V Regular Permit Initial

All phases

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Phase Totals:

PM10: 28.16 tons/yr
SO2: 1.04 tons/yr
NOx: 15.87 tons/yr
CO: 9.45 tons/yr
VOC: 109.92 tons/yr

Emission rates Notes:

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 10132 - Bollinger Shipyards Lockport LLC
 Activity Number: PER20000002
 Permit Number: 1560-00051-V0
 Air - Title V Regular Permit Initial

All phases

Subject Item	Benzene			Biphenyl			Cumene			Ethyl benzene			Methanol		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 006 028	< 0.001	0.04	< 0.01				< 0.001	0.001	< 0.01	< 0.001	0.01	< 0.01	< 0.01	0.01	< 0.01
EQT 014 030	< 0.001	0.005	< 0.01	< 0.001	< 0.01					0.003		0.03 < 0.01	0.01	0.01	0.06 < 0.01
EQT 015 100	0.002	0.03	< 0.01	< 0.001	< 0.01					0.01	0.15 < 0.01	0.15 < 0.01	3.22	1850.44	1.47
EQT 016 020	< 0.001	0.32	< 0.01				< 0.001	0.01	< 0.01	0.001	0.04 < 0.01	0.04 < 0.01			
EQT 017 021	< 0.001	0.32	< 0.01				< 0.001	0.01	< 0.01	0.001	0.04 < 0.01	0.04 < 0.01			

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

All ID: 10132 - Bolinger Shipyard Lockport LLC
 Activity Number: PER20000002
 Permit Number: 1560-00051-V0
 Air - Title V Regular Permit Initial

All phases

Subject Item	Methyl Tertiary Butyl Ether			Naphthalene			Polynuclear Aromatic Hydrocarbons			Styrene			Toluene		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 006 028	0.002	0.64	0.01	<	0.001	<	0.01	<	0.001	<	0.001	<	0.003	<	0.01
EQT 014 090				<	0.001	0.002	<	0.01	<	0.001	<	0.001			0.002
EQT 015 100				<	0.001	0.001	<	0.01	<	0.001	<	0.001			0.002
EQT 016 020	0.004	4.65	0.02	<	0.001	<	0.001	<	0.001	<	0.001	<	0.001	<	0.01
EQT 017 021	0.004	4.65	0.02	<	0.001	<	0.001	<	0.001	<	0.001	<	0.001	<	0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AID: 10132 - Bollinger Shipyards Lockport LLC
 Activity Number: PER20000002
 Permit Number: 1560-00051-V0
 Air - Title V Regular Permit Initial

All phases

Xylene (mixed isomers)			n-Hexane		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr
EQT 006 028	< 0.001	0.02	< 0.01	< 0.001	0.11
EQT 014 030	0.004	0.03	< 0.01		
EQT 015 100	0.01	0.19	< 0.01		
EQT 016 020	< 0.001	0.02	< 0.01	< 0.001	0.82
EQT 017 021	< 0.001	0.02	< 0.01	< 0.001	0.82

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Parameter Totals:

4,4'-Methylenbisbenzeneamine: 0.03 tons/yr
 Antimony (and compounds): <0.001 tons/yr
 Arsenic (and compounds): <0.001 tons/yr
 Barium (and compounds): 0.266 tons/yr
 Benzene: <0.01 tons/yr
 Biphenyl: <0.01 tons/yr
 Chromium VI (and compounds): 0.065 tons/yr
 Cobalt compounds: <0.01 tons/yr
 Copper (and compounds): 1.102 tons/yr
 Cumene: 0.25 tons/yr
 Diethyl phthalate: 1.63 tons/yr
 Ethyl benzene: 6.67 tons/yr
 Ethylene glycol: <0.01 tons/yr
 Glycol ethers (Table 51.1): 0.96 tons/yr
 Hydroquinone: <0.01 tons/yr
 Lead compounds: <0.01 tons/yr
 Manganese (and compounds): 0.24 tons/yr
 Methanol: 3.62 tons/yr
 Methyl ethyl ketone: 0.53 tons/yr

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 10132 - Bollinger Shipyards Lockport LLC
Activity Number: PER20000002
Permit Number: 1560-00051-V0
Air - Title V Regular Permit Initial

All phases

Methyl isobutyl ketone: 6.58 tons/yr
Methyl Tertiary Butyl Ether: 0.03 tons/yr
n-butyl alcohol: 10.48 tons/yr
n-Hexane: <0.01 tons/yr
Naphthalene: 0.15 tons/yr
Nickel (and compounds): 0.043 tons/yr
Phenol: 0.80 tons/yr
Polynuclear Aromatic Hydrocarbons: <0.001 tons/yr
Styrene: 0.71 tons/yr
Toluene-2,4-diisocyanate: <0.001 tons/yr
Toluene: 14.23 tons/yr
Toxic air pollutants (TAP): 73.06 tons/yr
Xylene (mixed isomers): 22.29 tons/yr
Zinc (and compounds): 2.31 tons/yr

Emission Rates Notes:

SPECIFIC REQUIREMENTS

AI ID: 10132 - Bollinger Shipyards Lockport LLC
 Activity Number: PER20000002
 Permit Number: 1560-00051-V0
 Air - Title V Regular Permit Initial

ARE001 030 - Painting Operations

- 1 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7. [LAC 33:III.1305]
- 2 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
- 3 VOC, Total <= 3.5 lb/gal of coating as applied (minus water and exempt solvent) except as otherwise provided in LAC 33:III.2123.C.11.b. [LAC 33:III.2123.C]
- 4 Permitee shall demonstrate compliance with LAC 33:III.2123.C in accordance with LAC 33:III.2123.D.8. [LAC 33:III.2123.D.8]
- 5 Determine compliance with LAC 33:III.2123.E, C, and D by applying the test methods specified in LAC 33:III.2123.E.1 through E.6, as appropriate. [LAC 33:III.2123.E]
- 6 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2123.F.1 through F.4 to verify compliance with LAC 33:III.2123.
- 7 Toxic air pollutants (TAP): Permitee may emit TAPs, including those not specifically listed, at the greater of the rates listed or the MER. Use of any TAP not listed in the emission rate table at a rate above the MER shall require a permit modification prior to use. The Permittee may emit TAPs listed in Table 51.3 of LAC 33:III.Chapter 51 at any rate as long as the facility wide total emission of TAPs remains below 73.06 tons/year. [LAC 33:III.501.C.6]
- 8 Permitee shall use wind screens, shrubs, tarps or other engineering barriers around equipment being spray painted whenever practical. All barriers shall have a minimum shade factor of 80% with no holes or tears exceeding one foot in length. When the use of barriers is not practical, the Permittee shall utilize directional spraying and airless or HVLP spray guns. [LAC 33:III.501.C.6]
- 9 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with 40 CFR Part 63 Subpart II is determined to be MACT). [LAC 33:III.5109.A]
- 10 General use coating: VOHAP <= 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 11 General use coating: VOHAP <= 571 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 12 General use coating: VOHAP <= 728 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 13 Air flask coating: VOHAP <= 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 14 Air flask coating: VOHAP <= 571 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 15 Air flask coating: VOHAP <= 728 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 16 Antenna coating: VOHAP <= 530 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 17 Antenna coating: VOHAP <= 1439 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 18 Antifouulant coating: VOHAP <= 400 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 19 Antifouulant coating: VOHAP <= 765 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 10132 - Bollinger Shipyards Lockport LLC
 Activity Number: PER20000002
 Permit Number: 1560-00051-V0
 Air - Title V Regular Permit Initial

ARE001**030 - Painting Operations**

- 20 Antifouulant coating: VOHAP <= 971 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 - Which Months: All Year Statistical Basis: None specified
- 21 Heat resistant coating: VOHAP <= 420 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 - Which Months: All Year Statistical Basis: None specified
- 22 Heat resistant coating: VOHAP <= 841 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 - Which Months: All Year Statistical Basis: None specified
- 23 Heat resistant coating: VOHAP <= 1069 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 - Which Months: All Year Statistical Basis: None specified
- 24 High-gloss coating: VOHAP <= 420 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 - Which Months: All Year Statistical Basis: None specified
- 25 High-gloss coating: VOHAP <= 841 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 - Which Months: All Year Statistical Basis: None specified
- 26 High-gloss coating: VOHAP <= 1069 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 - Which Months: All Year Statistical Basis: None specified
- 27 High-temperature coating: VOHAP <= 500 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 - Which Months: All Year Statistical Basis: None specified
- 28 High-temperature coating: VOHAP <= 1237 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 - Which Months: All Year Statistical Basis: None specified
- 29 High-temperature coating: VOHAP <= 1597 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 - Which Months: All Year Statistical Basis: None specified
- 30 Inorganic zinc high-build coating: VOHAP <= 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 - Which Months: All Year Statistical Basis: None specified
- 31 Inorganic zinc high-build coating: VOHAP <= 571 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 - Which Months: All Year Statistical Basis: None specified
- 32 Inorganic zinc high-build coating: VOHAP <= 728 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 - Which Months: All Year Statistical Basis: None specified
- 33 Military exterior coating: VOHAP <= 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 - Which Months: All Year Statistical Basis: None specified
- 34 Military exterior coating: VOHAP <= 571 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 - Which Months: All Year Statistical Basis: None specified
- 35 Military exterior coating: VOHAP <= 728 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 - Which Months: All Year Statistical Basis: None specified
- 36 Mist coating: VOHAP <= 610 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 - Which Months: All Year Statistical Basis: None specified
- 37 Mist coating: VOHAP <= 2235 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 - Which Months: All Year Statistical Basis: None specified
- 38 Navigational aids coating: VOHAP <= 550 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 - Which Months: All Year Statistical Basis: None specified
- 39 Navigational aids coating: VOHAP <= 1597 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 - Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 10132 - Bollinger Shipyards Lockport LLC
 Activity Number: PER20000002
 Permit Number: 1560-00051-V0
 Air - Title V Regular Permit Initial

ARE001 **030 - Painting Operations**

- 40 Nonskid coating: VOHAP \leq 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 41 Nonskid coating: VOHAP \leq 571 g/l solids, when $t \geq$ 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 42 Nonskid coating: VOHAP \leq 728 g/l solids, when $t <$ 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 43 Nuclear coating: VOHAP \leq 420 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 44 Nuclear coating: VOHAP \leq 420 g/l solids, when $t \geq$ 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 45 Nuclear coating: VOHAP \leq 1069 g/l solids, when $t <$ 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 46 Organic zinc coating: VOHAP \leq 360 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 47 Organic zinc coating: VOHAP \leq 630 g/l solids, when $t \geq$ 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 48 Organic zinc coating: VOHAP \leq 802 g/l solids, when $t <$ 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 49 Pretreatment wash primer coating: VOHAP \leq 780 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 50 Pretreatment wash primer coating: VOHAP \leq 11095 g/l solids, when $t \geq$ 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 51 Repair and maintenance of thermoplastics coating: VOHAP \leq 550 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 52 Repair and maintenance of thermoplastics coating: VOHAP \leq 1597 g/l solids, when $t \geq$ 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 53 Rubber camouflage coating: VOHAP \leq 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 54 Rubber camouflage coating: VOHAP \leq 571 g/l solids, when $t \geq$ 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 55 Rubber camouflage coating: VOHAP \leq 728 g/l solids, when $t <$ 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 56 Sealant for thermal spray aluminum coating: VOHAP \leq 610 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 57 Sealant for thermal spray aluminum coating: VOHAP \leq 2235 g/l solids, when $t \geq$ 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 58 Special marking coating: VOHAP \leq 490 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 59 Special marking coating: VOHAP \leq 1178 g/l solids, when $t \geq$ 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 10132 - Bollinger Shipyards Lockport LLC
Activity Number: PER20000002
Permit Number: 1560-00051-V0
Air - Title V Regular Permit Initial

ARE001 030 - Painting Operations

- 60 Specialty interior coating: VOHAP \leq 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified

61 Specialty interior coating: VOHAP \leq 571 g/l solids, when $t \geq 4.5$ degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified

62 Specialty interior coating: VOHAP \leq 728 g/l solids, when $t < 4.5$ degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified

63 Tack coat: VOHAP \leq 610 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified

64 Tack coat: VOHAP \leq 2235 g/l solids, when $t \geq 4.5$ degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified

65 Undersea weapons systems coating: VOHAP \leq 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified

66 Undersea weapons systems coating: VOHAP \leq 571 g/l solids, when $t \geq 4.5$ degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified

67 Undersea weapons systems coating: VOHAP \leq 728 g/l solids, when $t < 4.5$ degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified

68 Weld-through precon. primer coating: VOHAP \leq 650 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified

69 Weld-through precon. primer coating: VOHAP \leq 2885 g/l solids, when $t \geq 4.5$ degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified

70 Ensure that all handling and transfer of VOHAP-containing materials to and from containers, tanks, vats, drums, and piping systems is conducted in a manner that minimizes spills. Subpart II. [40 CFR 63.783(b)(1)]

71 Ensure that all containers, tanks, vats, drums, and piping systems are free of cracks, holes, and other defects and remain closed unless materials are being added to or removed from them. Subpart II. [40 CFR 63.783(b)(2)]

72 Determine the coating category and the applicable VOHAP limit as specified in 40 CFR 63.783(a), for each batch of coating received. Subpart II. [40 CFR 63.785(a)(1)]

73 Certify the as-supplied VOC content of the batch of coating, for each batch of coating received. Subpart II. [40 CFR 63.785(a)(2)]

74 In lieu of testing each batch of coating, as applied, determine compliance with the VOHAP limits using any combination of the procedures described in 40 CFR 63.785(c)(1) through (c)(4). Determine the procedure used for each coating and document prior to application. Subpart II. [40 CFR 63.785(b)(1)]

75 Coatings to which thinning solvent (or any other material) will not be added under any circumstance or to which only water is added: Certify the as-applied VOC content of each batch of coating. Subpart II. [40 CFR 63.785(c)(1)(i)]

76 Coatings to which thinning solvent (or any other material) will not be added under any circumstance or to which only water is added: Notify the persons responsible for applying the coating that no thinning solvent may be added to the coating by affixing a label to each container of coating in the batch or through another means described in the implementation plan required in 40 CFR 63.787(b). Subpart II. [40 CFR 63.785(c)(1)(ii)]

77 Coatings to which thinning solvent (or any other material) will not be added under any circumstance or to which only water is added: The certified as-applied VOC content of each batch of coating used during a calendar month must be less than or equal to the applicable VOHAP limit in 40 CFR 63.783(a). Subpart II. [40 CFR 63.785(c)(1)(iii)]

78 Coatings to which thinning solvent is routinely or sometimes added: Designate a single thinner for the coating and calculate the maximum allowable thinning ratio(s) for each batch using 40 CFR 63.785(c)(2)(i) Equations 1 and 2, prior to the first application of each batch. Subpart II. [40 CFR 63.785(c)(2)(ii)]

SPECIFIC REQUIREMENTS

AI ID: 10132 - Bollinger Shipyards Lockport LLC
Activity Number: PER20000002
Permit Number: 1560-00051-V0
Air - Title V Regular Permit Initial

ARE001 **030 - Painting Operations**

- 79 Coatings to which thinning solvent is routinely or sometimes added: Notify painters and other persons, as necessary, of the designated thinner and maximum allowable thinning ratio(s) for each batch of the coating by affixing a label to each container of coating or through another means described in the implementation plan required in 40 CFR 63.787(b), prior to the first application of each batch. Subpart II. [40 CFR 63.785(c)(2)(ii)]
- 80 Coatings to which thinning solvent is routinely or sometimes added: Determine the volume of each batch of the coating used, as supplied, during the previous month by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(2)(iii)]
- 81 Coatings to which thinning solvent is routinely or sometimes added: Determine the total allowable volume of thinner for the coating used during the previous month using 40 CFR 63.785(c)(2)(iv) Equation 3 by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(2)(iv)]
- 82 Coatings to which thinning solvent is routinely or sometimes added: Determine the volume of thinner actually used with the coating during the previous month by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(2)(v)]
- 83 Coatings to which thinning solvent is routinely or sometimes added: The volume of thinner actually used with the coating [determined in 40 CFR 63.785(c)(3)(v)] must be less than or equal to the total allowable volume of thinner for the coating [determined in 40 CFR 63.785(c)(3)(iv)]. Subpart II. [40 CFR 63.785(c)(2)(vi)]
- 84 Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Designate a single thinner to be added to each coating during the month and "group" coatings according to their designated thinner. Subpart II. [40 CFR 63.785(c)(3)(i)]
- 85 Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Calculate the maximum allowable thinning ratio(s) for each batch of coating in the group using the equations in 40 CFR 63.785(c)(2), prior to the first application of each batch. Subpart II. [40 CFR 63.785(c)(3)(ii)]
- 86 Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Notify painters and other persons, as necessary, of the designated thinner and maximum allowable thinning ratio(s) for each batch in the group by affixing a label to each container of coating or through another means described in the implementation plan required in 40 CFR 63.787(b), prior to the first application of each "batch". Subpart II. [40 CFR 63.785(c)(3)(iii)]
- 87 Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Determine the volume of each batch of the group used, as supplied, during the previous month by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(3)(iv)]
- 88 Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Determine the total allowable volume of thinner for the group for the previous month using 40 CFR 63 Subpart II Equation 3 by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(3)(v)]
- 89 Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Determine the volume of thinner actually used with the group during the previous month by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(3)(vi)]
- 90 Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: The volume of thinner actually used with the group [determined in 40 CFR 63.785(c)(3)(vi)] must be less than or equal to the total allowable volume of thinner for the group [determined in 40 CFR 63.785(c)(3)(v)]. Subpart II. [40 CFR 63.785(c)(3)(vii)]
- 91 Use or ensure that the manufacturer uses the form and procedures mentioned in 40 CFR 63 Subpart II Appendix A to determine values for thinner and coating parameters used in 40 CFR 63 Subpart II Equations 1 and 2. Ensure that the coating/thinner manufacturer (or supplier) provides information on the VOC and VOHAP contents of the coatings/thinners and the procedure(s) used to determine these values. Subpart II. [40 CFR 63.786(d)]
- 92 Determine compliance with 40 CFR 63.785(c)(1) through (c)(4) using the methods specified in 40 CFR 63.786(a) through (c), as applicable. Subpart II. [40 CFR 63.786]
- 93 Comply with all applicable notification requirements in 40 CFR 63.9(a) through (d) and (i) through (j), with the exception that the deadline specified in 40 CFR 63.9(b)(2) and (3) shall be extended from 120 days to 180 days. Subpart II. [40 CFR 63.787(a)]
- 94 Prepare a written implementation plan that addresses each of the subject areas specified in 40 CFR 63.787(b)(3). Subpart II. [40 CFR 63.787(b)(1)]
- 95 Comply with the applicable recordkeeping and reporting requirements in 40 CFR 63.10(a), (b), (d), and (f). Subpart II. [40 CFR 63.788(a)]
- 96 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the information specified in 40 CFR 63.788(b)(1) through (b)(4), as applicable, for a minimum of 5 years. Subpart II. [40 CFR 63.788(b)]

SPECIFIC REQUIREMENTS

AI ID: 10132 - Bollinger Shipyards Lockport LLC
Activity Number: PER20000002
Permit Number: 1560-00051-V0
Air - Title V Regular Permit Initial

ARE001 **030 - Painting Operations**

97 Submit report: Due before the 60th day following completion of each 6-month period after the compliance date specified in 40 CFR 63.784. Submit all of the information that must be retained pursuant to 40 CFR 63.788(b)(2) and (b)(3), except for that information specified in 40 CFR 63.788(b)(2)(i) and (b)(2)(ii), (b)(2)(v), (b)(3)(i)(A), (b)(3)(ii)(A), and (b)(3)(iii)(A). If a violation is detected, also report the information specified in 40 CFR 63.788(b)(4) for the reporting period during which the violation(s) occurred. To the extent possible, organize the report according to the compliance procedure(s) followed each month. Subpart II. [40 CFR 63.788(c)]

ARE002 **040 - Abrasive Blasting Operations**

98 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1.1305.A.1-7. [LAC 33:III.1305]
 99 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

100 Toxic air pollutants (TAP): Permittee may emit TAPs, including those not specifically listed, at the greater of the rates listed or the MER. Use of any TAP not listed in the emission rate table at a rate above the MER shall require a permit modification prior to use. The Permittee may emit TAPs listed in Table 51.3 of LAC 33:III.Chapter 51 at any rate as long as the facility wide total emission of TAPs remains below 73.06 tons/year. [LAC 33:III.501.C.6]

101 Permittee shall use wind screens, shrouds, tarps or other engineering barriers around equipment being abrasive blasted whenever practical. All barriers shall have a minimum shade factor of 80% with no holes or tears exceeding one foot in length. When the use of barriers is not practical, the Permittee shall utilize directional blasting. [LAC 33:III.501.C.6]

102 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Good operating practices, including the use of screens and engineering controls when practical, is determined to be MACT). [LAC 33:III.5109.A]

ARE003 **050 - Metal Cutting Operations**

103 Opacity <= 20 percent, except during equipment changes, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]

Which Months: All Year Statistical Basis: None specified

104 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1.1305.A.1-7. [LAC 33:III.1305]
 105 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

106 Toxic air pollutants (TAP): Permittee may emit TAPs, including those not specifically listed, at the greater of the rates listed or the MER. Use of any TAP not listed in the emission rate table at a rate above the MER shall require a permit modification prior to use. The Permittee may emit TAPs listed in Table 51.3 of LAC 33:III.Chapter 51 at any rate as long as the facility wide total emission of TAPs remains below 73.06 tons/year. [LAC 33:III.501.C.6]

107 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Good operating practices is determined to be MACT). [LAC 33:III.5109.A]

ARE004 **060 - Welding Operations**

108 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1.1305.A.1-7. [LAC 33:III.1305]

SPECIFIC REQUIREMENTS

AI ID: 10132 - Bollinger Shipyard Lockport LLC
 Activity Number: PER20000002
 Permit Number: 1560-00051-V0
 Air - Title V Regular Permit Initial

ARE004 060 - Welding Operations

- 109 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
- Which Months: All Year Statistical Basis: Six-minute average
- 110 Toxic air pollutants (TAP): Permittee may emit TAPs, including those not specifically listed, at the greater of the rates listed or the MER. Use of any TAP not listed in the emission rate table at a rate above the MER shall require a permit modification prior to use. The Permittee may emit TAPs listed in Table 51.3 of LAC 33:III.Chapter 51 at any rate as long as the facility wide total emission of TAPs remains below 73.06 tons/year. [LAC 33:III.501.C.6]
- 111 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Good operating practices is determined to be MACT). [LAC 33:III.5109.A]

EQT006 028 - Miscellaneous Gasoline Fuel Tanks

- 112 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Good operating practices and compliance with LAC 33:III.2103 is considered MACT). [LAC 33:III.5109.A]

EQT007 071a - Panel Blaster with Dust Collector

- 113 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
- Which Months: All Year Statistical Basis: Six-minute average
- 114 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: None specified
- 115 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 116 Particulate matter (10 microns or less) >= 99.8 % removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]
- Which Months: Phases: Statistical Basis: Minimum
- 117 Filter vents: Visible emissions monitored by visual inspection/determination daily when equipment is in use. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: None specified
- 118 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks (or of non-operational status of equipment if no check is performed) on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQT008 071b - Portable Shot Blaster (Mechanic Shop)

- 119 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
- Which Months: All Year Statistical Basis: Six-minute average
- 120 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 10132 - Bollinger Shipyard Lockport LLC
Activity Number: PER20000002
Permit Number: 1560-00051-V0
Air - Title V Regular Permit Initial

EQT008 071b - Portable Shot Blaster (Mechanic Shop)

- 121 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 122 Particulate matter (10 microns or less) $\geq 98\%$ removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]
 - Which Months: All Year Statistical Basis: None specified
- 123 Filter vents: Visible emissions monitored by visual inspection/determination daily when equipment is in use. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]
 - Which Months: All Year Statistical Basis: None specified
- 124 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks (or of non-operational status of equipment if no check is performed) on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQT009 071c - Portable Shot Blaster (Hydraulic Shop)

- 125 Opacity ≤ 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
 - Which Months: All Year Statistical Basis: Six-minute average
- 126 Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
 - Which Months: All Year Statistical Basis: None specified
- 127 Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
 - 128 Particulate matter (10 microns or less) $\geq 98\%$ removal efficiency from filter manufacturer's certification. [LAC 33:III.501.C.6]
 - Which Months: All Year Statistical Basis: None specified
 - 129 Filter vents: Visible emissions monitored by visual inspection/determination daily when equipment is in use. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. [LAC 33:III.501.C.6]
 - Which Months: All Year Statistical Basis: None specified
- 130 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks (or of non-operational status of equipment if no check is performed) on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQT010 080 - Emergency Diesel Generator No. 1

- 131 Opacity ≤ 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
 - Which Months: All Year Statistical Basis: Six-minute average
- 132 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT011 081 - Emergency Diesel Generator No. 2

SPECIFIC REQUIREMENTS

AI ID: 10132 - Bollinger Shipyard Lockport LLC
Activity Number: PER20000002
Permit Number: 1560-00051-V0
Air - Title V Regular Permit Initial

EQT011 081 - Emergency Diesel Generator No. 2

- 133 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
- Which Months: All Year Statistical Basis: Six-minute average
- 134 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 135 Maintain record of manufacturer's certification that engine meets the emission standards of 40 CFR 60 Subpart IIII. [LAC 33:III.501.C.6]
- 136 Comply with the emission standards for new nonroad CI engines in 40 CFR 60.4202, for all pollutants, for the same model year and maximum engine power. Subpart IIII. [40 CFR 60.4205(b)]
- 137 Aggregate emissions of non-methane hydrocarbons (NHMC) and Nitrogen oxides <= 3.0 g/BHP-hr. [40 CFR 60.4205(b)]
- Which Months: All Year Statistical Basis: Maximum
- 138 Carbon monoxide <= 2.6 g/BHP-hr. [40 CFR 60.4205(b)]
- Which Months: All Year Statistical Basis: Maximum
- 139 Particulate matter (10 microns or less) <= 0.15 g/BHP-hr. [40 CFR 60.4205(b)]
- Which Months: All Year Statistical Basis: Maximum
- 140 Operate and maintain stationary CI ICE according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer, over the entire life of the engine. Subpart IIII. [40 CFR 60.4206]
- 141 Beginning October 1, 2007, use diesel fuel that meets the requirements of 40 CFR 80.510(a). Subpart IIII. [40 CFR 60.4207(a)]
- 142 Beginning October 1, 2010, use diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel. Subpart IIII. [40 CFR 60.4207(b)]
- 143 Operating time monitored by hour/time monitor continuously during operation. Install a non-resettable hour meter prior to startup of the engine. Subpart IIII. [40 CFR 60.4209(a)]
- Which Months: All Year Statistical Basis: None specified
- 144 Operate and maintain the stationary CI internal combustion engine and control device according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer. In addition, only change those settings that are permitted by the manufacturer. Also meet the requirements of 40 CFR 89, 94 and/or 1068, as applicable. Subpart IIII. [40 CFR 60.4211(a)]
- 145 Ensure engine is certified to the emission standards in 40 CFR 60.4204(b), or 40 CFR 60.4025(b) or (c), as applicable, for the same model year and maximum engine power. Install and configure according to the manufacturer's specifications. Subpart IIII. [40 CFR 60.4211(c)]
- 146 If required, conduct performance tests according to 40 CFR 60.4212(a) through (d). Subpart IIII. [40 CFR 60.4212]

EQT012 082 - Miscellaneous BLN/BLR Gasoline Combustion Sources

- 147 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
- Which Months: All Year Statistical Basis: Six-minute average
- 148 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT013 083 - Miscellaneous BLN/BLR Diesel Combustion Sources

SPECIFIC REQUIREMENTS

AI ID: 10132 - Bollinger Shipyard Lockport LLC
 Activity Number: PER20000002
 Permit Number: 1560-00051-V0
 Air - Title V Regular Permit Initial

EQT013 083 - Miscellaneous BLN/BLR Diesel Combustion Sources

149 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average

150 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
 151 Prior to using any engine that commenced construction (as defined in 40 CFR 60.4200) after July 11, 2005 and was manufactured after April 1, 2006 or which was modified or reconstructed after July 11, 2005, the Permittee shall submit a request for a Permit modification to the Administrative Authority. The Permit Modification shall incorporate the applicable provisions of 40 CFR 60 Subpart III. [LAC 33:III.501.C.6]

EQT014 090 - Truck Loading

152 Only liquids with a vapor pressure <= 1.5 psia at loading conditions shall be loaded. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: Maximum

153 Vapor pressure: Record of vapor pressure of liquids loaded to be kept by electronic or hard copy. [LAC 33:III.501.C.6]

154 Vapor pressure: of liquids loaded monitored by technically sound method. Technically sound methods include sampling, MSDS, and scientific literature. [LAC 33:III.501.C.6]
 155 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Good operating practices and following LAC 33:III.2107 as applicable is determined as MACT). [LAC 33:III.5109.A]

EQT015 100 - Barge and Tank Venting

156 Comply with the requirements of LAC 33:III.2108 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2108 as a result of a revision of LAC 33:III.2108. [LAC 33:III.2108.D.4]

157 Loading gasoline, crude oil or other VOCs into ships or barges is prohibited unless all loading and vapor lines, arms and hoses are equipped with fittings which make vapor-tight connections and provide tight shut-off when disconnected. [LAC 33:III.2108.G.1]

158 Prevent spills or leaks during attachment or disconnection of filling lines, hoses or arms. Do not spill liquids or handle in any other manner that would result in evaporation to the atmosphere. [LAC 33:III.2108.G.2]

159 Maintain all equipment associated with the loading of gasoline, crude oil or other VOC into ships or barges to be leak-free, gas-tight and in good working order. [LAC 33:III.2108.G.3]

160 Only liquids with a true Vapor pressure <= 1.5 psia at the loading temperature of the liquid shall be loaded on any marine vessel. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: Maximum

161 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Good operating practices and compliance with LAC 33:III.2108 is determined to be MACT). [LAC 33:III.5109.A]

EQT016 020 - Gasoline UST #1 (Regular)

162 Equip with a submerged fill pipe. [LAC 33:III.2103.A]

163 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]

164 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.1.1 - 7, as applicable. [LAC 33:III.2103.I]

SPECIFIC REQUIREMENTS

AI ID: 10132 - Bollinger Shipyard Lockport LLC
 Activity Number: PER20000002
 Permit Number: 1560-00051-V0
 Air - Title V Regular Permit Initial

EQT016 020 - Gasoline UST #1 (Regular)

- 165 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with LAC 33:III.2103 is considered MACT). [LAC 33:III.5109.A]

EQT017 021 - Gasoline UST #2 (Super)

- 166 Equip with a submerged fill pipe. [LAC 33:III.2103.A]
 167 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3-a-e. [LAC 33:III.2103.H.3]
 168 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]
 169 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with LAC 33:III.2103 is considered MACT). [LAC 33:III.5109.A]

EQT018 085 - Diesel Rental Engine

- 170 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]
 Which Months: All Year Statistical Basis: Six-minute average
 171 Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
 172 Prior to using any engine that commenced construction (as defined in 40 CFR 60.4200) after July 11, 2005 and was manufactured after April 1, 2006 or which was modified or reconstructed after July 11, 2005, the Permittee shall submit a request for a Permit modification to the Administrative Authority. The Permit Modification shall incorporate the applicable provisions of 40 CFR 60 Subpart III. [LAC 33:III.501.C.6]

GRP001 Entire Facility

- 173 Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1103]
 174 Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1303.B]
 175 Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5. [LAC 33:III.2113.A]
 176 Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance. [LAC 33:III.219]
 177 Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited. [LAC 33:III.2901.D]
 178 If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G. [LAC 33:III.2901.F]

SPECIFIC REQUIREMENTS

AI ID: 10132 - Bollinger Shipyards Lockport LLC
Activity Number: PER20000002
Permit Number: 1560-00051-V0
Air - Title V Regular Permit Initial

GRP001**Entire Facility**

- 179 Carbon monoxide <= 9.45 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 180 Nitrogen oxides <= 15.87 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 181 Particulate matter (10 microns or less) <= 28.16 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 182 Sulfur dioxide <= 1.04 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 183 VOC, Total <= 109.92 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 184 Benzene < 0.01 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 185 Biphenyl < 0.01 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 186 n-butyl alcohol <= 10.48 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 187 Cumene <= 0.25 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 188 Dibutyl phthalate <= 1.63 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 189 Ethyl benzene <= 6.67 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 190 Ethylene glycol < 0.01 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 191 Glycol ethers (Table 51.1) <= 0.96 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 192 Hydroquinone < 0.01 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 193 n-Hexane < 0.01 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 194 Methanol <= 3.62 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 195 Methyl ethyl ketone <= 0.53 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 196 Methyl isobutyl ketone <= 6.58 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 197 Methyl Tertiary Butyl Ether <= 0.03 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum
- 198 4,4'-Methylenebisbenzeneamine <= 0.03 tons/yr. [LAC 33:III.501.C.6]
 Which Months: All Year Statistical Basis: Annual maximum

SPECIFIC REQUIREMENTS

All ID: 10132 - Bollinger Shipyard Lockport LLC
 Activity Number: PER200000002
 Permit Number: 1560-00051-Y0
 Air - Title V Regular Permit Initial

GRP001 **Entire Facility**

- 199 Naphthalene <= 0.15 tons/yr. [LAC 33:III.501.C.6]
 - Which Months: All Year Statistical Basis: Annual maximum
- 200 Polynuclear Aromatic Hydrocarbons < 0.001 tons/yr. [LAC 33:III.501.C.6]
 - Which Months: All Year Statistical Basis: Annual maximum
- 201 Phenol <= 0.80 tons/yr. [LAC 33:III.501.C.6]
 - Which Months: All Year Statistical Basis: Annual maximum
- 202 Styrene <= 0.71 tons/yr. [LAC 33:III.501.C.6]
 - Which Months: All Year Statistical Basis: Annual maximum
- 203 Toluene <= 14.23 tons/yr. [LAC 33:III.501.C.6]
 - Which Months: All Year Statistical Basis: Annual maximum
- 204 Toluene-2,4-diisocyanate < 0.001 tons/yr. [LAC 33:III.501.C.6]
 - Which Months: All Year Statistical Basis: Annual maximum
- 205 Xylene (mixed isomers) <= 22.29 tons/yr. [LAC 33:III.501.C.6]
 - Which Months: All Year Statistical Basis: Annual maximum
- 206 Antimony (and compounds) < 0.001 tons/yr. [LAC 33:III.501.C.6]
 - Which Months: All Year Statistical Basis: Annual maximum
- 207 Arsenic (and compounds) < 0.001 tons/yr. [LAC 33:III.501.C.6]
 - Which Months: All Year Statistical Basis: Annual maximum
- 208 Barium (and compounds) <= 0.266 tons/yr. [LAC 33:III.501.C.6]
 - Which Months: All Year Statistical Basis: Annual maximum
- 209 Chromium VI (and compounds) <= 0.065 tons/yr. [LAC 33:III.501.C.6]
 - Which Months: All Year Statistical Basis: Annual maximum
- 210 Cobalt compounds < 0.01 tons/yr. [LAC 33:III.501.C.6]
 - Which Months: All Year Statistical Basis: Annual maximum
- 211 Copper (and compounds) <= 1.102 tons/yr. [LAC 33:III.501.C.6]
 - Which Months: All Year Statistical Basis: Annual maximum
- 212 Lead compounds < 0.01 tons/yr. [LAC 33:III.501.C.6]
 - Which Months: All Year Statistical Basis: Annual maximum
- 213 Manganese (and compounds) <= 0.24 tons/yr. [LAC 33:III.501.C.6]
 - Which Months: All Year Statistical Basis: Annual maximum
- 214 Nickel (and compounds) <= 0.043 tons/yr. [LAC 33:III.501.C.6]
 - Which Months: All Year Statistical Basis: Annual maximum
- 215 Zinc (and compounds) <= 2.31 tons/yr. [LAC 33:III.501.C.6]
 - Which Months: All Year Statistical Basis: Annual maximum
- 216 Toxic air pollutants (TAP) recordkeeping by electronic or hard copy monthly. Keep records of the total emissions of TAPs each month, as well as the total emissions of TAPs for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
 - Which Months: All Year Statistical Basis: None specified
- 217 Toxic air pollutants (TAP) monitored by technically sound method continuously. [LAC 33:III.501.C.6]
 - Which Months: All Year Statistical Basis: None specified
- 218 Submit report: Due annually, by the 1st of July in accordance with LAC 33:III.5107. Report the total emissions of TAPs for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

All ID: 10132 - Bollinger Shipyards Lockport LLC
Activity Number: PER20000002
Permit Number: 1560-00051-V0
Air - Title V Regular Permit Initial

GRP001 Entire Facility

- 219 Toxic air pollutants (TAP) <= 73.06 tons/syr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if total emissions of TAPs exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: Annual maximum
- 220 Toxic air pollutants (TAP): Permittee may emit TAPs, including those not specifically listed, at the greater of the rates listed or the MER. Use of any TAP not listed in the emission rate table at a rate above the MER shall require a permit modification prior to use. The Permittee may emit TAPs listed in Table 51.3 of LAC 33:III. Chapter 51 at any rate as long as the facility wide total emission of TAPs remains below 73.06 tons/year. [LAC 33:III.501.C.6]
- 221 Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III. Chapter 51. Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:III. Chapter 51. Subchapter A, after the effective date of the standard. [LAC 33:III.5105.A.1]
- 222 Do not cause a violation of any ambient air standard listed in LAC 33:III. Table 51.2, unless operating in accordance with LAC 33:III.5109. [LAC 33:III.5105.A.2]
- 223 Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard. [LAC 33:III.5105.A.3]
- 224 Do not fail to keep records, notify, report or revise reports as required under LAC 33:III. Chapter 51. Subchapter A. [LAC 33:III.5105.A.4]
- 225 Submit Annual Emissions Report (TEDI): Due annually, by the 1st of July, to the Office of Environmental Assessment, Air Quality Assessment Division, in a format specified by DEQ. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3. [LAC 33:III.5107.A.2]
- 226 Include a certification statement with initial and subsequent annual emission reports and revisions to any emission report to attest that the information contained in the emission report is true, accurate, and complete, and signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official. The certification statement shall read: "I certify, under penalty of perjury, that the emissions data provided is accurate to the best of my knowledge, information, and belief, and I understand that submitting false or misleading information will expose me to prosecution under state regulations" [LAC 33:III.5107.A.3]
- 227 Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but no later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere which results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property). [LAC 33:III.5107.B.1]
- 228 Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC), except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.5112, Table 51.1, or a reportable quantity (RQ) in LAC 33:1.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:1.3923. [LAC 33:III.5107.B.2]
- 229 Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services, SPOC, immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:1.3931, except as provided in LAC 33:III.5107.B.6. Submit notification in the manner provided in LAC 33:1.3923. [LAC 33:III.5107.B.3]
- 230 Submit written report: Due within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through 3. Submit report to the Office of Environmental Compliance by certified mail. Include the information specified in LAC 33:III.5107.B.4.i through viii. [LAC 33:III.5107.B.4]
- 231 Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, in the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge. [LAC 33:III.5107.B.5]

SPECIFIC REQUIREMENTS

AI ID: 10132 - Bollinger Shipyard Lockport LLC
 Activity Number: PER20000002
 Permit Number: 1560-00051-V0
 Air - Title V Regular Permit Initial

GRP001 Entire Facility

- 232 Submit to DEQ a certification of compliance with all MACT requirements, in accordance with LAC 33:III.5109.D. Include the elements listed in LAC 33:III.5109.E. [LAC 33:III.5109.A.2]
- 233 Submit to DEQ a certification of compliance with all ambient air standards, in accordance with LAC 33:III.5109.D. Include the elements listed under LAC 33:III.5109.E. [LAC 33:III.5109.B.2]
- 234 Achieve compliance with ambient air standards unless it can be demonstrated to the satisfaction of DEQ that compliance with an ambient air standard would be economically infeasible; that emissions could not reasonably be expected to pose a threat to public health or the environment; and that emissions would be controlled to a level that is Maximum Achievable Control Technology. [LAC 33:III.5109.B.3]
- 235 Determine the status of compliance, beyond the property line, with applicable ambient air standards listed in LAC 33:III.5112.Table 51.2. [LAC 33:III.5109.B]
- 236 Develop a standard operating procedure (SOP) within 120 days after achieving or demonstrating compliance with the standards specified in LAC 33:III Chapter 51. Detail in the SOP all operating procedures or parameters established to ensure that compliance with the applicable standards is maintained and address operating procedures for any monitoring system in place, specifying procedures to ensure compliance with LAC 33:III.5113.C.5. Make a written copy of the SOP available on site or at an alternate approved location for inspection by DEQ. Provide a copy of the SOP within 30 days upon request by the department. [LAC 33:III.5109.C]
- 237 Obtain a Louisiana Air Permit in accordance with LAC 33:III.5111.B and C and in accordance with LAC 33:III.1701, before commencement of the construction of any new source. [LAC 33:III.1.1]
- 238 Obtain a permit modification in accordance with LAC 33:III.5111.B and C before commencement of any modification not specified in a compliance plan submitted under LAC 33:III.5109.D, if the modification will result in an increase in emissions of any toxic air pollutant or will create a new point source. [LAC 33:III.5111.A.2.a]
- 239 Do not commence construction or modification of any major source without first obtaining written authorization from DEQ, as specified. [LAC 33:III.5111.A]
- 240 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]
- 241 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]
- 242 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]
- 243 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]
- 244 Submit certified letter: Due to the Office of Environmental Assessment, Air Quality Assessment Division, before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]
- 245 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]
- 246 Submit notification: Due to the Office of Environmental Assessment, Air Quality Assessment Division, at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]
- 247 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]
- 248 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]
- 249 Submit performance evaluation report: Due to the Office of Environmental Assessment, Air Quality Assessment Division, within 60 days of the monitoring system performance evaluation. [LAC 33:III.5113.C.2]
- 250 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before a performance evaluation of the monitoring system is to begin. [LAC 33:III.5113.C.2]

SPECIFIC REQUIREMENTS

AI ID: 10132 - Bollinger Shipyards Lockport LLC
Activity Number: PER20000002
Permit Number: 1560-00051-V0
Air - Title V Regular Permit Initial

3RP001 Entire Facility

- 251 Install a monitoring system on each effluent or on the combined effluent, when monitoring is required and the effluents from a single source, or from two or more sources subject to the same emission standards, are combined before being released to the atmosphere. If two or more sources are not subject to the same emission standards, install a separate monitoring system on each effluent, unless otherwise specified. If the applicable standard is a mass emission standard and the effluent from one source is released to the atmosphere through more than one point, install a monitoring system at each emission point unless DEQ approves the installation of fewer systems. [LAC 33:III.5113.C.3.]
- 252 Evaluate the performance of continuous monitoring systems, upon request by DEQ, in accordance with the requirements and procedures contained in the applicable performance specification of 40 CFR Part 60, appendix B. [LAC 33:III.5113.C.5.a]
- 253 Submit report: Due to DEQ within 60 days of the performance evaluation of the CMS, if requested. Furnish DEQ with two or more copies of a written report of the test results within 60 days. [LAC 33:III.5113.C.5.a]
- 254 Install all continuous monitoring systems or monitoring devices to make representative measurements under variable process or operating parameters, if required to install a CMS. [LAC 33:III.5113.C.5.d]
- 255 Collect and reduce all data as specified in LAC 33:III.5113.C.5.e.i and .ii, if required to install a CMS. [LAC 33:III.5113.C.5.e]
- 256 Submit plan: Due to the Office of Environmental Assessment, Air Quality Assessment Division, within 90 days after DEQ requests either the initial plan or an updated plan, if required by DEQ to install a continuous monitoring system. Submit for approval a plan describing the affected sources and the methods for ensuring compliance with the continuous monitoring system. [LAC 33:III.5113.C.5]
- 257 Maintain records of monitoring data, monitoring system calibration checks, and the occurrence and duration of any period during which the monitoring system is malfunctioning or inoperative. Maintain these records at the source, or at an alternative location approved by DEQ, for a minimum of three years and make available, upon request, for inspection by DEQ. [LAC 33:III.5113.C.7]
- 258 Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority. [LAC 33:III.5611.A]
- 259 During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations. [LAC 33:III.5611.B]
- 260 Submit Emission Inventory (EI) Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Air Quality Assessment Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D. [LAC 33:III.919.D]
- 261 Comply with all applicable deadlines specified in 40 CFR 60.4208(a) through (h). Subpart III. [40 CFR 60.4208]
- 262 All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A. [40 CFR 60]
- 263 All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 1 of 40 CFR 63 Subpart II. [40 CFR 63]
- 264 Submit Title V permit application for renewal: Due 180 calendar days before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
- 265 Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- 266 Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [40 CFR 70.6(a)(3)(iii)(B)]
- 267 Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]

SPECIFIC REQUIREMENTS

AI ID: 10132 - Bollinger Shipyards Lockport LLC
 Activity Number: PER20000002
 Permit Number: 1560-00051-Y0
 Air - Title V Regular Permit Initial

GRP002 **Shot Blasting CAP**

- 268 Toxic air pollutants (TAPs): Permittee may emit TAPs, including those not specifically listed, at the greater of the rates listed or the MER. Use of any TAP not listed in the emission rate table at a rate above the MER shall require a permit modification prior to use. The Permittee may emit TAPs listed in Table 51.3 of LAC 33:III.Chapter 51 at any rate as long as the facility wide total emission of TAPs remains below 73.06 tons/year. [LAC 33:III.501.C.6]
- 269 Monitor the throughput of each type of shot used by technically sound method and calculate projected actual emissions of particulate matter (10 microns or less) and toxic air pollutants (TAP) monthly. [LAC 33:III.501.C.6]
- 270 Toxic air pollutants (TAP) and Particulate matter (10 microns or less) recordkeeping by electronic or hard copy monthly. Keep records of the total emissions of TAPs and PM each month, as well as the total emissions of PM and TAPs for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]
- 271 Submit report: Due annually, by the 1st of July in accordance with LAC 33:III.5107. Report the total emissions of TAPs and PM (10 microns or less) for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]
- 272 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Good operating practices and use and maintenance of baghouses as described is determined as MACT). [LAC 33:III.5109.A]